



Patent
Attorney Docket No. 1028724-000142

ZFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

James Chris Sackellares et al.

Group Art Unit: 3736

Application No.: 10/648,354

Examiner: Vikram P. Sundararaman

Filing Date: August 27, 2003

Confirmation No.: 3420

Title: OPTIMIZATION OF MULTI-DIMENSIONAL TIME SERIES PROCESSING FOR SEIZURE WARNING
AND PREDICTION

THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge _____ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of _____ is enclosed for the fee due.
- Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

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Alexandria, Virginia 22313-1404
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Date: April 25, 2006

By Nicole D. Dretar

Nicole D. Dretar

Registration No. 54,076

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To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date April 25, 2006

By: Nicole D. Dretar
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**THIRD
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Use as many sheets as necessary.)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials .	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	IASEMIDIS et al., "Phase Space Topography of the Electrocorticogram and the Lyapunov Exponent in Partial Seizures," <i>Brain Topography</i> , Vol. 2, No. 3, pp. 187-201 (1990).
	PINCUS, "Approximate Entropy as a Measure of System Complexity," <i>Proceedings of the National Academy of Science of the United States of America</i> , Vol. 88, pp. 2297-2301 (1991).
	J.C. SACKELLARES et al., "Epileptic Seizures as Neural Resetting Mechanisms," <i>Epilepsia</i> , Vol. 38, Suppl. 3, p. 189, (1997).
	L. D. IASEMIDIS et al., "Dynamical Resetting of Human Brain at Epileptic Seizures: Application of Nonlinear Dynamics and Global Optimization Techniques," <i>IEEE Transactions on Biomedical Engineering</i> , Vol. 51, No 3, pp. 493-506, (2004).
	WOLF et al., "Determining Lyapunov Exponents from a Time Series," <i>Physica D.</i> , Vol. 16D, pp. 285-317 (1985).

Examiner Signature _____ Date Considered _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**THIRD
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Sheet 2 of 2

<p>Substitute for form 1449A/PTO & 1449B/PTO</p> <p>THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/648,354
				Filing Date	August 27, 2003
				First Named Inventor	J. Chris Sackellares et al.
				Examiner Name	Vikram P Sundararaman
Sheet	2	of	2	Attorney Docket Number	1028724-000142

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature _____ Date Considered _____

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